

1AP10 Rec'd PCT/PTO 08 DEC 2005

PO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

11321-P066W0US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)  
10100005  
TO BE ASSIGNED

INTERNATIONAL APPLICATION NO.  
PCT/US2004/019188

INTERNATIONAL FILING DATE  
JUNE 16, 2004

PRIORITY DATE CLAIMED  
JUNE 16, 2003

**TITLE OF INVENTION**

FABRICATION OF CARBON NANOTUBE REINFORCED EPOXY POLYMER COMPOSITES USING FUNCTIONALIZED CARBON NANOTUBES

APPLICANT(S) FOR DO/EO/US  
KHABASHESKU, ET AL.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td colspan="2">RATE</td> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td colspan="2">x \$250</td> </tr> <tr> <td colspan="2">Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> <td>\$</td> <td colspan="2"></td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td colspan="2">RATE</td> </tr> <tr> <td>Total claims</td> <td>90 - 20 =</td> <td>70</td> <td colspan="2">x \$ 50</td> </tr> <tr> <td>Independent claims</td> <td>4 - 3 =</td> <td>1</td> <td colspan="2">x \$200</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td colspan="2">+ \$360</td> </tr> <tr> <td colspan="3"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td colspan="2">\$ 3,700.00</td> </tr> <tr> <td colspan="3"><input checked="" type="checkbox"/> Applicant claims small entity status. 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a.  A check in the amount of \$ 2,750.00 to cover the above fees is enclosed.

b.  Please charge my Deposit Account No. 23-2426 in the amount of \$ to cover the above fees.  
A duplicate copy of this sheet is enclosed.

c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-2426. A duplicate copy of this sheet is enclosed.

d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:

Robert C. Shaddox  
Winstead Sechrest & Minick P.C.  
P.O. Box 50784  
Dallas, Texas 75201

  
\_\_\_\_\_  
SIGNATURE  
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ROBERT C. SHADDOX  
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NAME  
\_\_\_\_\_  
34,011  
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REGISTRATION NUMBER

10/559905  
IAP8 Rec'd PCT/PTO 08 DEC 2005

PTO-1382 (Rev. 07-2004)

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## TRANSMITTAL LETTER TO THE UNITED STATES RECEIVING OFFICE

Express Mail mailing number: EL812641621US	Date of deposit: 10 JANUARY 2005
File reference no.: 11321-P066WO	International application no. (if known): PCT/US04/19188
Title of the invention: FABRICATION OF NANOTUBE REINFORCED EPOXY POLYMER COMPOSITES...	
Earliest priority date claimed (Day/Month/Year): 28 JULY 2003	

This is a new International Application

## SCREENING DISCLOSURE INFORMATION:

In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (check as many boxes as apply):

The invention disclosed was **not** made in the United States of America.

There is no prior U.S. application relating to this invention.

The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on the Request (form PCT/RO/101) and this listing does not constitute a claim for priority.)

application no.	filed on
application no.	filed on

The present international application contains additional subject matter not found in the prior U.S. application(s) identified above. The additional subject matter is found on pages \_\_\_\_\_ and  **DOES NOT ALTER**  **MIGHT BE CONSIDERED TO ALTER** the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 C.F.R. 5.15.

## Itemized list of contents

Sheets of Request form:	Check no.:
Sheets of description (excluding sequence listing):	Return receipt postcard: YES
Sheets of claims:	Power of attorney: YES (6 PGS.)
Sheets of abstract:	Certified copy of priority document (specify):
Sheets of drawings:	Other (specify):
Sheets of sequence listing:	POWERS OF ATTORNEY (RICE UNIV., ZHU, KHABASHESKU, PENG, BARRERA & MARGRAVE), DECLARATIONS OF INVENTORS
Sequence listing diskette/CD:	
Tables related to sequence listing CD:	

The person signing this form is:

<input type="checkbox"/> Applicant	ROBERT C. SHADDOX
<input checked="" type="checkbox"/> Attorney/Agent (Reg. No.)	
34,011	
<input type="checkbox"/> Common Representative	Signature 

This collection of information is required by 37 CFR 1.10 and 1.412. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: USPTO, 1100 L ST, NW, SUITE 1400, ALEXANDRIA, VA 22313-1450.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IAPS Rec'd PCT/PTO 08 DEC 2005

In re Application of: Khabashesku, et al.

Serial No: TO BE ASSIGNED

Filing Date: December 8, 2005

Title: *Fabrication Of Carbon Nanotube Reinforced Epoxy Polymer Composites  
Using Functionalized Carbon Nanotubes*

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P.O. Box 1450  
Alexandria, VA 22313-1450

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This Transmittal Letter to the U.S. Designated/Elected Office, Application Data Sheet, copy of PCT publication WO 2005/028174 A2, executed Declaration, check and return postcard are addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, and this package is being deposited with the U.S. Postal Service with sufficient postage as "Express Mail - Post Office to Addressee" service, on December 8, 2005.

By: Jeanne E. Dunn

Printed: Jeanne E. Dunn

WINSTEAD SECHREST &amp; MINICK, P.C.

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